DR30ES, DR30EFS, DR30EIS, DR30EIFS

dacor The Life of the Kitchen®

Distinctive™ 30” Wide Electric Ranges

PLANNING GUIDE

Model Versions

Model	Configuration	Handle Type
DR30ES	Freestanding, (full size side panels)	Mounted on outside of door
DR30ES-C*	Freestanding, (full size side panels)	Mounted on outside of door
DR30EFS	Freestanding, (full size side panels)	Flush handle, integrated in door
DR30EFS-C*	Freestanding, (full size side panels)	Flush handle, integrated in door
DR30EIS	Built-in/Slide-in (3 1/4” removable side panels)	Mounted on outside of door
DR30EIFS	Built-in/Slide-in (3 1/4” removable side panels)	Mounted on outside of door

* -C indicates Canadian wiring configuration, see page 3/4 for details.

⚠ WARNING

- Observe all governing codes and ordinances during planning and installation. Contact your local building department for further information.
- This appliance must be installed in accordance with the accompanying installation instructions.

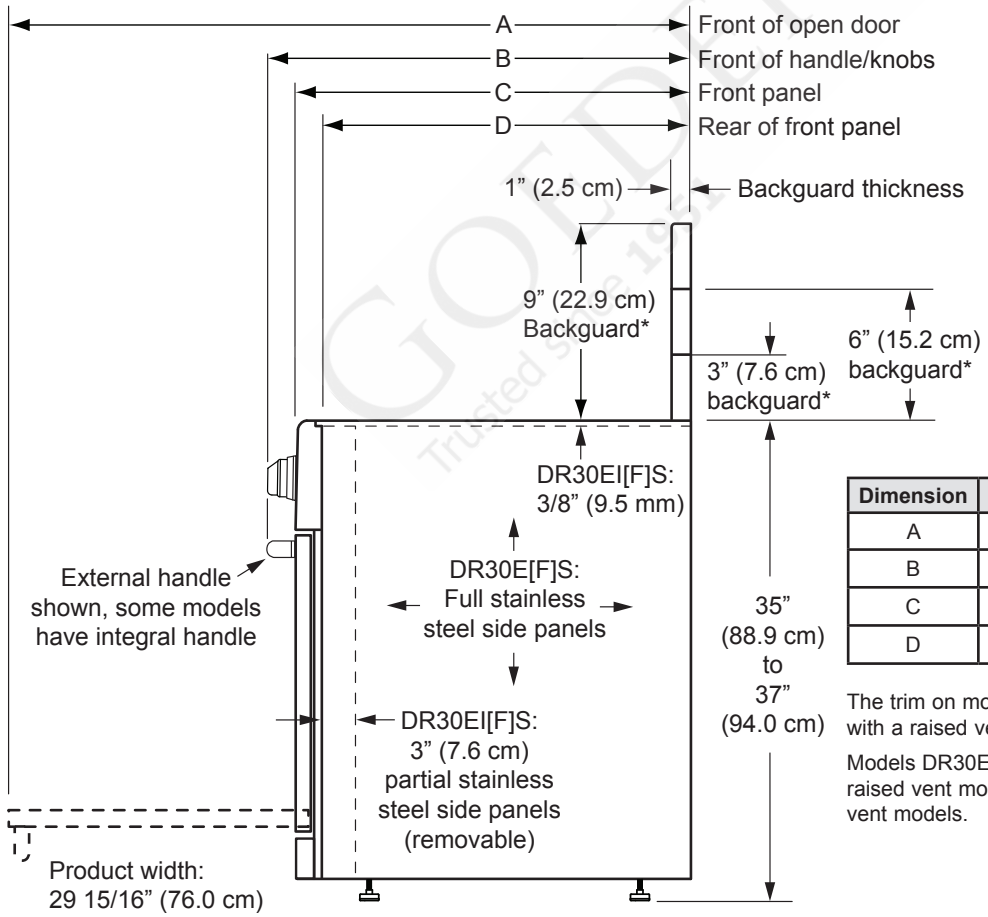
Available Backguards

Part Number	Description	Compatibility
ADRB30E03	3 Inch	Optional on all models
ADRB30E06	6 Inch	Standard on models DR30ES, DR30EFS Optional on models DR30EIS, DR30EIFS
ADRB30E09	9 Inch	Optional on all models

Models DR30EIS and DR30EIFS come equipped from the factory with flat stainless trim piece in place of a backguard. A backguard may be purchased as an optional accessory.

Product Dimensions

All tolerances ±1/16” (±1.6 mm) unless otherwise noted.



*See table for compatibility

OVERALL DEPTH DIMENSIONS - SIDE VIEW

Dimension	DR30ES, DR30EIS	DR30EFS, DR30EIFS
A	46 1/8” (117.2 cm)	46” (116.8 cm)
B	27 3/4” (70.5 cm)	27 5/8” (70.2 cm)
C	25 3/8” (64.5 cm)	25 1/4” (64.1 cm)
D	23 1/4” (64.1 cm)	23 1/8” (58.7 cm)

The trim on models DR30ES and DR30EFS are not compatible with a raised vent.

Models DR30EIS and DR30EIFS are compatible with Dacor raised vent models ERV3015. Use only theses specified raised vent models.

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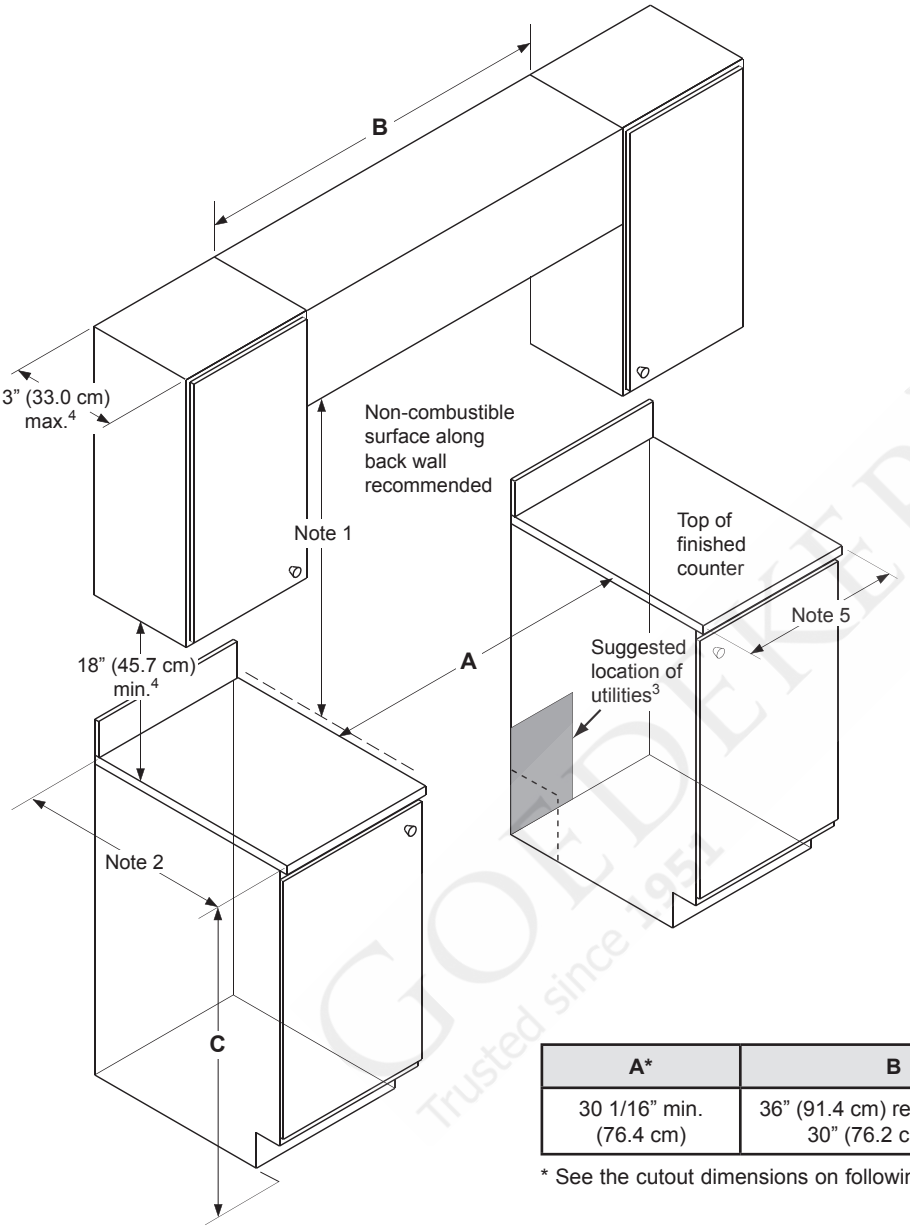
All tolerances +1/16” (+1.6 mm), -0 unless otherwise noted.



- Failure to meet or exceed the maximum and minimum dimensions/clearances stated may result in a fire hazard.
- The shaded area shown denotes the location of the electrical junction box/receptacle. This is the suggested location. For replacement purposes, the location of the existing electrical supply may be utilized provided that it does not interfere with the sides or rear of the range.
- Access to the remote circuit breaker panel/fuse box, with the range in place and operating, must also be allowed for in the installation.
- The electrical junction box/receptacle must be located so that it does not interfere with the range when it is installed and under operation. In addition, the junction box/receptacle must be located so the range can be removed for service and remain connected to power.
- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above surface units should be avoided. If cabinet storage space is to be provided directly above the range, the risk of personal injury may be reduced by installing a range hood.
- In all instances, installation of a range hood is highly recommended. The hood should project horizontally a minimum of five (5) inches beyond the face of the cabinets. See the range hood specifications for minimum clearances.
- The range may be installed flush to the rear wall. See diagram and notes for rear wall surface requirements. It is not necessary to install non-combustible materials behind the range below the countertop height.
- Any openings in the wall behind the appliance or in the floor underneath it must be sealed.

A*	B	C
30 1/16” min. (76.4 cm)	36” (91.4 cm) recommended 30” (76.2 cm) min.	37” (94.0 cm) max.

* See the cutout dimensions on following page for self-rimming installations.

FREESTANDING INSTALLATION CABINET CUTOUT DIMENSIONS - MODELS DR30ES, DR30EFS, DR30EIS AND DR30EIFS

[1]30” (76.2 cm) min. vertical clearance from top of range grates to bottom of uncovered wood or metal cabinet. 24” (61 cm) min. clearance if bottom of wood or metal cabinets are protected by not less than 1/4“ (0.6 cm) flame retardant millboard covered with no less than No. 28 MSG sheet steel 0.015” (0.04 cm) stainless steel, or 0.024” (0.06 cm) aluminum or 0.020” (0.05cm) copper. 30” (76.2 cm) min. clearance between top of range grates and bottom of unprotected wood or metal cabinet. If installing range hood, check the hood specifications for minimum required clearances.

[2]Cabinet/countertop depth is at discretion of customer but cabinet face SHALL NOT protrude further than rear of front panel. See Product Dimensions.

[3]Consult local code and following pages for requirements.

[4]This specification not applicable for cabinets more than a horizontal distance of 10” (25.4 cm) from edge of range.

[5]10” (25.4 cm) min. to combustible sidewalls above range (both sides).

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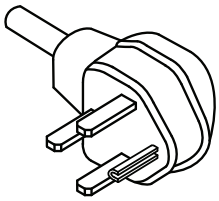
Electrical Specifications

ELECTRICAL REQUIREMENTS	
Electrical Circuit Required	**Total Connected Load****
240 Vac 60 Hz, 4 wire*, 50 Amp.	11.94kW (49.75 Amp.)

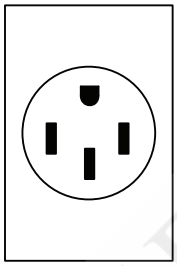
*Two 120 Vac hot (L1 and L2), one neutral (N1) and one ground.

**This information above is for reference only. If the above data does not agree with the product data label, use the data on the product data label.

IMPORTANT: Models DR30ES-C and DR30EFS-C are freestanding ranges that come with a factory installed 4-wire appliance cord and NEMA 14-50P plug. This wiring configuration is required for freestanding ranges installed in Canada, although they may be used elsewhere, if local codes permit. The plug is designed to plug directly into a NEMA 14-50R electrical receptacle installed by a licensed electrician according to the above specifications.



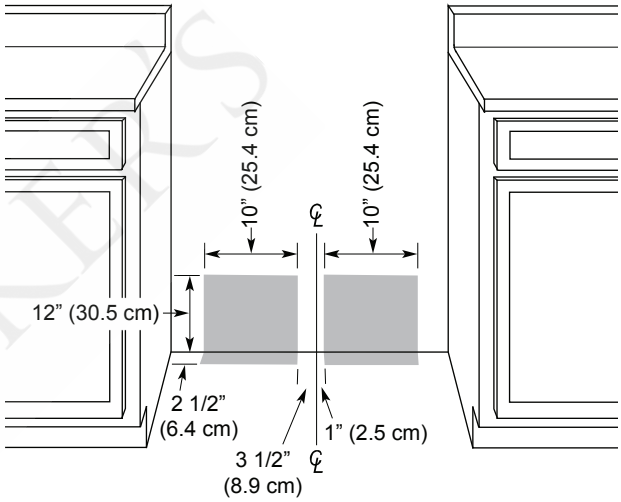
NEMA 14-50P PLUG



NEMA 14-50R RECEPTACLE

Factory Wiring

Model	Factory Electrical Connection
DR30ES	Power cord not installed. Not for installation in Canada.
DR30ES-C	Cord connected, for installation in Canada and U.S.A., where local codes permit.
DR30EFS	No power cord. Not for installation in Canada.
DR30EFS-C	Cord connected, for installation in Canada and U.S.A., where local codes permit.
DR30EIS	No power cord. May be installed in Canada and U.S.A.
DR30EIFS	No power cord. May be installed in Canada and U.S.A.

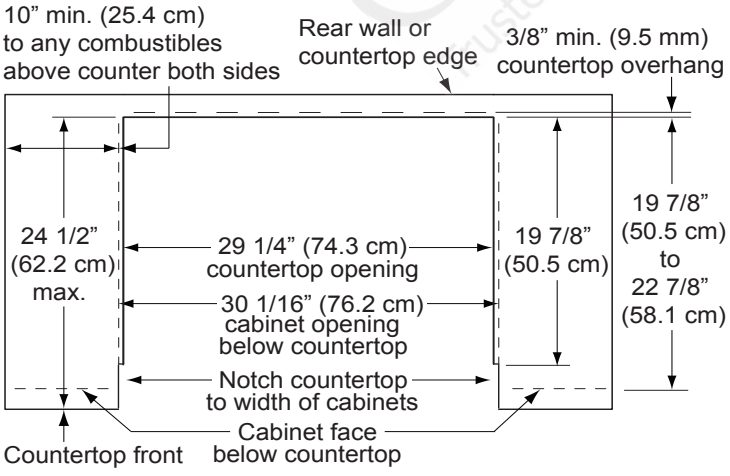


UTILITY CLEARANCE BEHIND RANGE

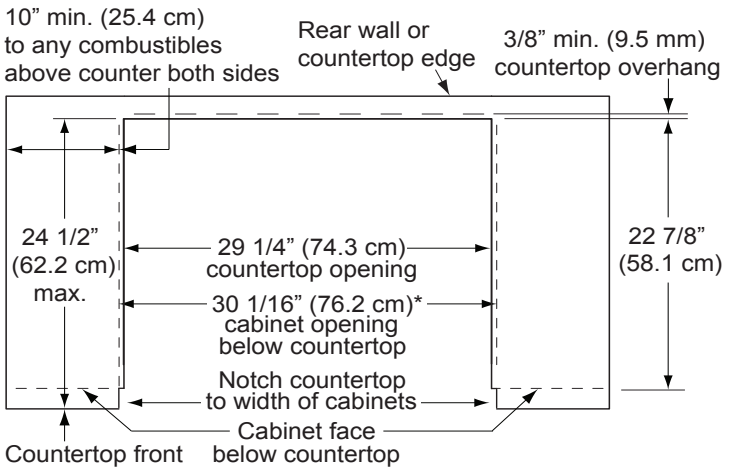
Self-Rimming Installation Cutout Options (Models DR30EIS and DR30EIFS Only)

All tolerances +1/16” (+1.6 mm), -0 unless otherwise noted.

Countertop height: 34 3/4” (88.3 cm) min.
36 7/8” (93.7 cm) max.
Countertop thickness: 1 5/8” (4.1 cm) max.


10” min. (25.4 cm) to any combustibles above counter both sides
Rear wall or countertop edge
3/8” min. (9.5 mm) countertop overhang
24 1/2” (62.2 cm) max.
29 1/4” (74.3 cm) countertop opening
30 1/16” (76.2 cm) cabinet opening below countertop
19 7/8” (50.5 cm)
19 7/8” (50.5 cm) to 22 7/8” (58.1 cm)
Notch countertop to width of cabinets
Cabinet face below countertop
Countertop front

TOP VIEW - SLIDE-IN, SELF-RIMMING INSTALLATION, 3” SIDE PANELS INSTALLED


10” min. (25.4 cm) to any combustibles above counter both sides
Rear wall or countertop edge
3/8” min. (9.5 mm) countertop overhang
24 1/2” (62.2 cm) max.
29 1/4” (74.3 cm) countertop opening
30 1/16” (76.2 cm)* cabinet opening below countertop
22 7/8” (58.1 cm)
Notch countertop to width of cabinets
Cabinet face below countertop
Countertop front

TOP VIEW - SLIDE-IN, SELF-RIMMING INSTALLATION, 3” SIDE PANELS REMOVED

* To create a “built-in look” on the front of the cabinet, this dimension may be changed to 29 1/4” (74.3 cm), with the width at the notches remaining 30 1/16”. This configuration is only for models DR30EIS and DR30EIFS with side panels behind door removed.

DR30ES, DR30EFS, DR30EIS, DR30EIFS

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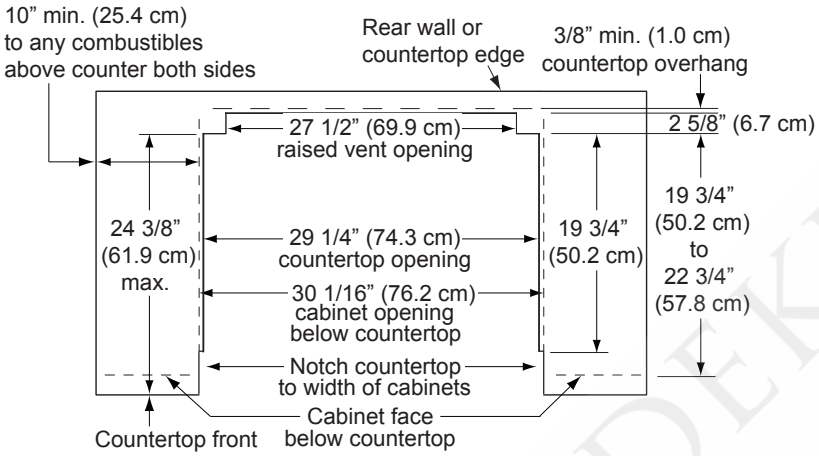
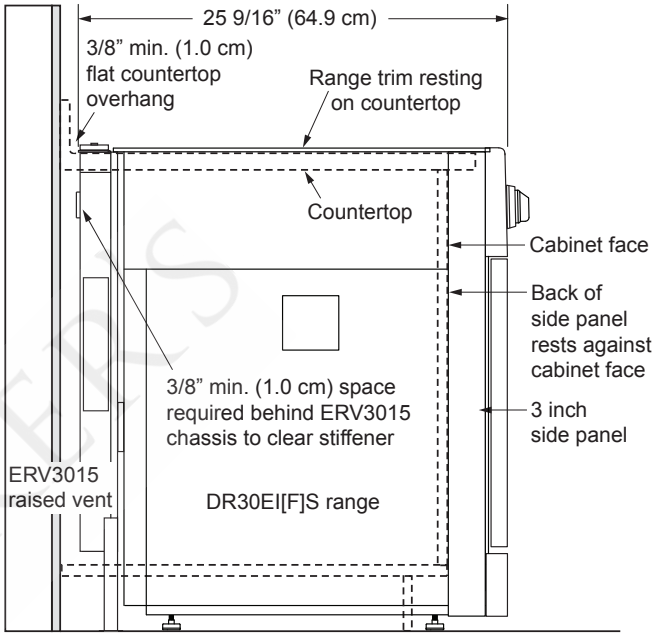
All tolerances +1/16” (+1.6 mm), -0 unless otherwise noted.

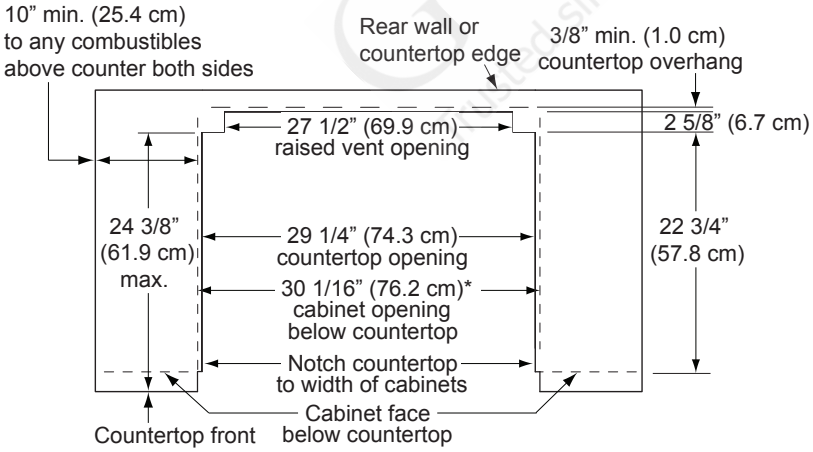
- Only models DR30EIS and DR30EIFS may be installed with a raised vent. Use only Dacor raised vent model ERV3015.
- A self-rimming countertop configuration is required for raised vent installation. On installations with a raised vent, when sliding the range into position, it will stop when the rear of the control panel or side panels contact the notches toward the front of the countertop.
- The self-rimming installation of the DR30DI range and ERV3015 raised vent create a “built-in” look where the range trim overlaps the countertop on both sides and the raised vent overlaps the countertop in back.

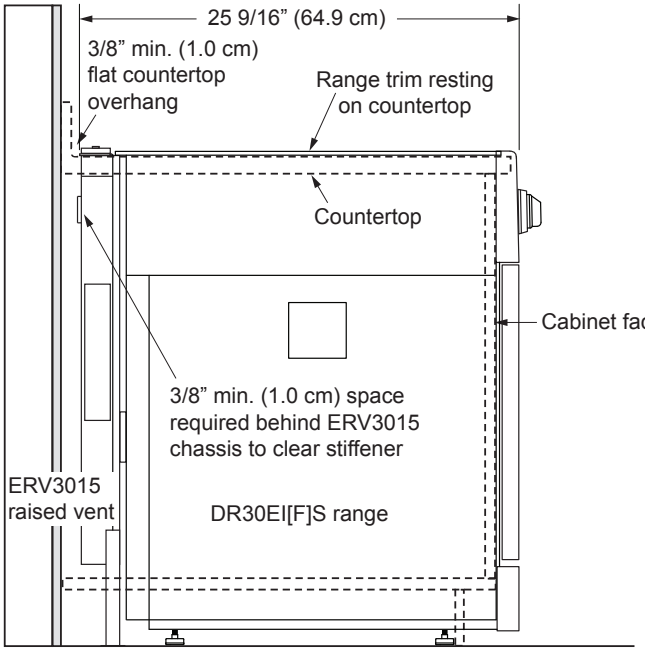
Countertop height: 34 3/4” (88.3 cm) min.
36 7/8” (93.7 cm) max.
Countertop thickness: 1 5/8” (4.1 cm) max.





TOP VIEW - DOWNDRAFT ERV30[15] WITH SLIDE-IN, SELF-RIMMING INSTALLATION USING 3” SIDE PANELS INSTALLED





TOP VIEW - DOWNDRAFT ERV30[15] WITH SLIDE-IN, SELF-RIMMING INSTALLATION USING 3” SIDE PANELS REMOVED

* To create a “built-in look” on the front of the cabinet, this dimension may be changed to 29 1/4” (74.3 cm), with the width at the notches remaining 30 1/16”. This configuration is only for models DR30EIS and DR30EIFS with side panels behind door removed.